

2020-04-28

Intro to Standards: UMSI Canvas Module Creation

Niehof, Jamie

<https://dx.doi.org/10.7302/3164>

<https://hdl.handle.net/2027.42/170119>

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ENGINEERING LIBRARIANS

HS-STEM ALL STAFF

INTRO TO STANDARDS

UMSI Canvas Module Creation

WINTER 2020 | 04.28.2020



INTRODUCTION

to

STANDARDS

for Engineering Students

Details

SI 699 – WINTER 2020

Mastery Course: Library & Archives Practice

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PROJECT OPTIONS

Searching for Patents or **Introduction to Standards**

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STUDENT

Emily Sartorius, 2nd Year Masters, Library & Information
Science, UMSI

Timeline

2019-2020

12.17.2019

Submit Project to UMSI



02.05.2020

Project chosen by
Emily Sartorius

02.20.2020

Canvas Training



02.19 – 03.21.2020

Outline Brainstorming &
Module Creation

04.22.2020

Module Complete



CREATING AN E-LEARNING MODULE FOR ENGINEERING STUDENTS AT THE UNIVERSITY OF MICHIGAN

Emily Sartorius, University of Michigan School of Information

Problem Statement

The College of Engineering has about 11,00 students, and over 400 faculty members. Engineering students have unique information literacy needs, like having to search for professional standards. With such a big college and only 4 librarians, the engineering librarians are trying to expand their instructional tool belt to meet the growing need. The librarians at the AAEL are looking to address these information literacy needs through Canvas modules they will incorporate into engineering courses.

Client

- The University of Michigan Arts, Architecture, and Engineering Library (AAEL) located on North Campus.
- As of Fall 2019, the College of Engineering had 7,350 Bachelor students, 1755 Masters students, 1714 doctoral students and 427 faculty.
- There are 4 engineering librarians.

Process

February

LEARN
CONTENT &
TECHNOLOGY



March

BUILD
MODULE &
RECEIVE
FEEDBACK



April

TEST &
TWEAK



May

PRESENT
FINAL
MODULE



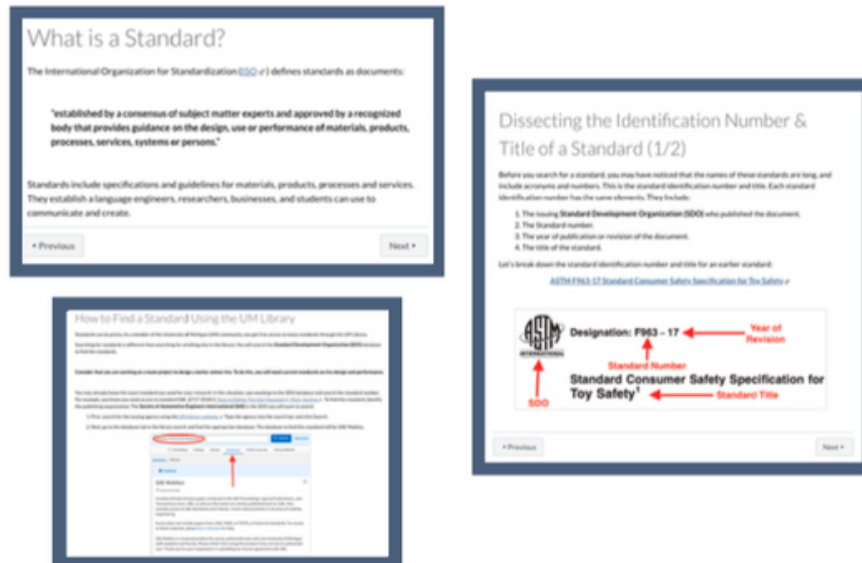
Challenges

- Learning content enough to teach it.
- Time management.
- Thinking proactively about accessibility.

Lessons Learned

- Designing for online instruction is different than in person.
- To ask for help.
- Ed-tech tools are not necessarily user-friendly to creators.

Final Product



Presented at UMSI 2020
Virtual Student Exposition

Friday, April 17, 2020

65 hours

Intro to Standards Module:

umich.instructure.com/courses/301354